

## **ABSTRACT**

A storm water separator system having side walls constructed from sheet piling to enable installation within a small footprint and in poor soil conditions. The separator system has an upper bypass chamber and a lower treatment chamber with a diffuser directing inflowing water down into the lower chamber. A flow control orifice between the two chambers near an outlet orifice in the side wall controls the quantity of flow through the lower chamber. Excess flow bypasses treatment and passes through the upper chamber.

114237.01\2224-00400